


[Back to search term](#)

Search result

QUERY	
Search done on	22.1.2010 (14:54h)
Search ID	10576885
Database	Metallic compounds
Keyword 1	FERRITE
Keyword 2	and MARTENSITE
Composition (Dimension: weight-%, Limit for optional components: 0)	C:0.001-0.015* SI:0.01-0.5* MN:0.1-1.8* P:0-0.03* S:0-0.005* CR:15-18* NI:0.5-5.5* MO:0.5-3.5* V:0.02-0.2* N:0.001-0.015* O:0-0.006* CU:0.5-1.14* FE:BALANCE
Sorted according to	Date of publication descending

Compositions

Hits 14

1 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:34h)		
Field	Content	
Publication	WO2008106978 A1	12.09.2008
Priority	EP07103496	05.03.2007
Application	WO2008106978 A1	
Applicant	Danmarks Tekniske Universitet (Technical University of Denmark); Dong Energy A/S	
Inventor	Danielsen, Hilmar; Hald, John	
Title	Martensitic creep resistant steel strengthened by Z-phase	
Info		
IPC	C22C038/00	
Composition nr.	1	Composite component -
Composition	[weight-%]: CR : 9-15 * N : 0,01-0,2 * C : 0-0,09999 * V : 0,01-0,5 + NB : 0,01-1 + TA : 0,01-2 * FE : REST * CO : 0-7,99999 * MO + W : 0-3,99999 * MN + NI + CU : 0-2,99999 * SI : 0-1,99999 * B : 0-0,03999 * P : 0-0,33	
Keywords (english)		(german)
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	HEAT-TREATMENT	WÄRMEBEHANDLUNG
	HIGH-TEMPER-STRENGTH	WARMFEST
	MARTENSITE	MARTENSIT
	NUCLEAR-ENERGY	KERNENERGIE
	PRODUCTION	HERSTELLUNG
	TURBINE	TURBINE
	USE	VERWENDUNG

2 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H)

Field	Content	
Publication	EP1683885 A1	26.07.2006
Priority	JP2003373404	31.10.2003
Application	EP2210200404793183	
Applicant	JFE Steel Corp.	
Inventor	Kimura, Mitsu; Tamari, Takanori; Yamazaki, Yoshio und Miterfnder	
Title	High strength stainless steel pipe excellent in corrosion resistance and method for production thereof	
Info	Bemessungsregeln	
IPC	C22C038/00	
Composition nr.	1	Composite component -
Composition	[weight-%] C : 0,001-0,015 * SI : 0,01-0,5 * MN : 0,1-1,8 * P : 0-0,03 * S : 0-0,005 * CR : 15-18 * NI : 0,5-5,49 * MO : 0,5-3,5 * V : 0,02-0,2 * N : 0,001-0,015 * O : 0-0,006 * AL : 0-0,05 * NB : 0-0,2 * Ti : 0-0,3 * ZR : 0-0,2 * W : 0-3 * B : 0-0,01 * CU : 0-3,5 * CA : 0-0,01 * FE : REST	
Keywords (english)		(german)
AUSTENITE		AUSTENIT
CORROSION-RESISTING		KORROSIONSBEST
FERRITE		FERRIT
HEAT-TREATMENT		WÄRMEBEHANDLUNG
MARTENSITE		MARTENSIT
STRESS-CORROSION-RESIST		SPANNUNGSKORROSIONSBEST
TENSILE-STRENGTH		ZUGFEST
TOUGH		ZÄH
USE		VERWENDUNG
WELDABLE		SCHWEISSBAR

3 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H)

Field	Content	
Publication	EP1662015 A1	31.05.2006
Priority	JP2003295163	19.08.2003
Application	EP1108200404771770	
Applicant	JFE Steel Corp.	
Inventor	Kimura, Mitsu; Tamari, Takanori; Yamazaki, Yoshio und Miterf.	
Title	High strength stainless steel pipe excellent in corrosion resistance for use in oil well and method for production thereof	
Info		
IPC	C22C038/00	
Composition nr.	1	Composite component -
Composition	[weight-%]: C : 0,005-0,05 * SI : 0,05-0,5 * MN : 0,2-1,8 * P : 0-0,03 * S : 0-0,005 * CR : 15,5-18 * NI : 1,5-5 * MO : 1-3,5 * V : 0,02-0,2 * N : 0,01-0,15 * O : 0-0,006 * AL : 0-0,05 * CU : 0-3,5 * NB : 0-0,2 * Ti : 0-0,3 * ZR : 0-0,2 * W : 0-3 * B : 0-0,01 * CA : 0-0,01 * FE : REST	
Keywords (english)		(german)
AUSTENITE		AUSTENIT
CORROSION-RESISTING		KORROSIONSBEST
FERRITE		FERRIT
HEAT-TREATMENT		WÄRMEBEHANDLUNG
MARTENSITE		MARTENSIT
PLASTIC		PLASTISCH
PRODUCTION		HERSTELLUNG
TENSILE-STRENGTH		ZUGFEST
TOUGH		ZÄH
USE		VERWENDUNG

S - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14.848)		
Field	Content	
Publication	EP1403394 A1	31.03.2004
Priority	JP2002283413	27.09.2002
Application	EP2609200303021820	
Applicant	Nisshin Steel Co., Ltd.	
Inventor	Tomimura, Kouki; Fujimoto, Hiroshi; Morimoto, Kenichi und Miterf.	
Title	Deflection-resistant stainless steel made structural members of a two-wheeled vehicle	
Info		
IPC	C22C038/42	
Composition nr.	1	Composite component -
Composition	[weight-%]: C : 0-0,04 * SI : 0-2 * MN : 0-2 * CR : 10-20 * NI : 0-4 * CU : 0-3 * N : 0-0,12 * B : 0-0,015 * MO : 0-3 * Ti : 0-0,1 * NB : 0-0,4 * V : 0-0,3 * P + S : 0-0,333 * FE : REST	
Keywords	(english)	(german)
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	HARD	HART
	HEAT-TREATMENT	WÄRMEBEHANDLUNG
	MARTENSITE	MARTENSIT
	PRODUCTION	HERSTELLUNG
	USE	VERWENDUNG
	WELDABLE	SCHWEISSBAR

S - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14.848)		
Field	Content	
Publication	EP1310575 A1	14.05.2003
Priority	JP2000226832	27.07.2000
Application	EP1707200101950005	
Applicant	Kawasaki Steel Corporation	
Inventor	Toyooka, Takaaki; Yorifugi, Akira; Kitazawa, Makoto und Miterf.	
Title	Stainless-steel pipe with excellent suitability for secondary processing for automotive structural member	
Info		
IPC	C22C038/18	
Composition nr.	1	Composite component -
Composition	[weight-%]: C : 0-0,2 * SI : 0-1,5 * MN : 0-2 * CR : 10-18 * N : 0-0,03 * CU : 0-0,6 * NI : 0-0,6 * MO : 0-2,5 * NB : 0-1 * Ti : 0-1 * V : 0-1 * O : 0-0,008 * P : 0-0,045 * S : 0-0,02 * FE : REST	
Keywords	(english)	(german)
	FERRITE	FERRIT
	MARTENSITE	MARTENSIT
	PLASTIC	PLASTISCH
	USE	VERWENDUNG

S - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14.848)		
Field	Content	
Publication	WO0210469 A	07.02.2002
Priority	JP226832	27.07.2000
Application	WO17072001JP01/06155	
Applicant	KAWASAKI STEEL CORP.	
Inventor	TOYOOKA, TAKAAKI/ YORIFUJI, AKIRA/ KITAZAWA, MAKOTO UND MITERFINDER	

Title	STAINLESS-STEEL PIPE WITH EXCELLENT SUITABILITY FOR SECONDARY PROCESSING FOR AUTOMOTIVE STRUCTURAL MEMBER	
Info		
IPC	C22C03818	
Composition nr.	1	Composite component -
Composition	[weight-%]: C : 0-0,2 * SI : 0-1,5 * MN : 0-2 * P : 0-0,045 * S : 0-0,02 * O : 0-0,008 * CR : 10-18 * N : 0-0,03 * NI : 0-0,6 * CU : 0-0,5 * MO : 0-2,5 * NB : 0-1 * TI : 0-1 * V : 0-1 * FE : REST	
Keywords (english)		(german)
CORROSION-RESISTING	KORROSIONSBEST	
FERRITE	FERRIT	
HEAT-TREATMENT	WARMEBEHANDLUNG	
HIGH-TEMPER-STRENGTH	WARMFEST	
MARTENSITE	MARTENSIT	
TENSILE-STRENGTH	ZUGFEST	
USE	VERWENDUNG	

7 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 02.1.0018 (19.08.98)		
Field	Content	
Publication	JP2002038242 AA	06.02.2002
Priority	JP2000226832	27.07.2000
Application	JP27072000200226832	
Applicant	KAWASAKI STEEL CORP.	
Inventor	TOYOOKA, TAKAAKI; KITAZAWA, MAKOTO; KAWABATA, YOSHIKAZU UND MITERFINDER	
Title	STAINLESS STEEL TUBE FOR STRUCTURAL MEMBER OF AUTOMOBILE EXCELLENT IN SECONDARY WORKING PROPERTY	
Info		
IPC	C22C03800	
Composition nr.	1	Composite component -
Composition	[weight-%]: C : 0-0,2 * SI : 0-1,5 * MN : 0-2 * CR : 10-18 * N : 0-0,03 * CU : 0-0,6 + NI : 0-0,6 + MO : 0-2,5 + NB : 0-1 + TI : 0-1 + V : 0-1 * FE : REST	
Keywords (english)		(german)
CORROSION-RESISTING	KORROSIONSBEST	
FERRITE	FERRIT	
MACHINABLE	ZERSPANBAR	
MARTENSITE	MARTENSIT	
PLASTIC	PLASTISCH	
TENSILE-STRENGTH	ZUGFEST	
TEXTURE	TEXTUR	

8 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 02.1.0018 (14.08.98)		
Field	Content	
Publication	JP01179485 A	03.07.2001
Priority	JP370129	27.12.1999
Application	JP2712199911-370129	
Applicant	SUMITOMO METAL IND LTD	
Inventor	OMURA, TOMOHIKO / HAMADA, MASAHIKO / OGAWA, KAZUHIRO UND MITERFINDER	
Title	MARTENSITIC WELDED STAINLESS STEEL PIPE AND PRODUCING METHOD THEREFOR	
Info	ANGABEN Z.T. NICHT IM ABSTRACT	
IPC	B23K03530	
Composition nr.	1	Composite component -

Composition	[weight-%] C : 0-0,1 * SI : 0-1 * MN : 0-3 * P : 0-0,04 * S : 0-0,01 * V : 0-0,1 * N : 0-0,1 * O : 0-0,06 * NI : 2-10 * CR : 12-20 * MO : 0-5 * Ti : 0-0,2 * AL : 0-0,1 * NB : 0-0,1 * CU : 0-3 * W : 0-6 * FE : REST	
Keywords	(english)	(german)
	AUSTENITE	AUSTENIT
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	MARTENSITE	MARTENSIT
	STRESS-CORROSION-RESIST	SPANNUNGSKORROSIONSBEST
	TENSILE-STRENGTH	ZUGFEST
	TOUGH	ZÄH
	USE	VERWENDUNG
	WELDABLE	SCHWEISSBAR

9 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H)		
Field	Content	
Publication	JP2001140040 AA	22.05.2001
Priority	JP11-323522	15.11.1999
Application	JP1511199911-323522	
Applicant	SUMITOMO METAL IND LTD.	
Inventor	OMURA, TOMOHIKO; KUSHIDA, TAKAHIRO	
Title	LOW CARBON FERRITE-MARTENSITE DUPLEX STAINLESS WELDED STEEL PIPE EXCELLENT IN SULFIDE STRESS CRACKING RESISTANCE	
Info		
IPC	C22C03800	
Composition nr.	1	Composite component -
Composition	[weight-%] C : 0-0,02 * P : 0-0,04 * S : 0-0,01 * NI : 2-8 * CR : 11,5-15 * MO : 1,5-4 * SI : 0-1 * MN : 0-1 * AL : 0-0,1 * CU : 0-1,2 * Ti : 0-0,2 * N : 0-0,02 * V : 0-0,1 * FE : REST	
Keywords	(english)	(german)
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	MARTENSITE	MARTENSIT
	STRESS-CORROSION-RESIST	SPANNUNGSKORROSIONSBEST
	TOUGH	ZÄH
	WELDABLE	SCHWEISSBAR

10 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H)		
Field	Content	
Publication	JP00008144 A	11.01.2000
Priority	JP175724	23.06.1998
Application	JP2306199810-175724	
Applicant	SUMITOMO METAL IND LTD.	
Inventor	KUSHIDA, TAKAHIRO/ OMURA, TOMOHIKO/ KONDO, KUNIO	
Title	FERRITE-MARTENSITE DUPLEX STAINLESS WELDED STEEL PIPE	
Info		
IPC	C22C03800	
Composition nr.	1	Composite component -
Composition	[weight-%] C : 0-0,05 * SI : 0-1 * MN : 0-0,5 * NI : 0,7-4 * CR : 9-15 * AL : 0-0,1 * N : 0-0,02 * CU : 0-1,2 * MO : 0-1,2 * Ti : 0-0,2 * V : 0-0,1 * FE : REST	
Keywords	(english)	(german)
	CORROSION-RESISTING	KORROSIONSBEST

FERRITE	FERRIT
MARTENSITE	MARTENSIT
TENSILE-STRENGTH	ZUGFEST
WELDABLE	SCHWEISSBAR

11 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2818 (14:56H)		
Field	Content	
Publication	EP649915 A	26.04.1995
Priority	JP264909	22.10.1993
Application	EP2110199494116644.9	
Applicant	NKK CORP.	
Inventor	HASHIZUME, SHUJI / MINAMI, YUSUKE / ISHIZAWA, YOSHIICHI UND MITERFINDER	
Title	HIGH-STRENGTH MARTENSITIC STAINLESS STEEL AND METHOD FOR MAKING THE SAME	
Info		
IPC	C22C03842	
Composition nr.	1	Composite component -
Composition	[weight-%] C : 0-0,06 * CR : 12-16 * SI : 0-1 * MN : 0-2 * NI : 0,5-8 * MO : 0,1-2,5 * CU : 0,3-4 * N : 0-0,05 * FE : REST * V : 0-0,1 + NB : 0-0,1	
Keywords	(english)	(german)
	AUSTENITE	AUSTENIT
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	HEAT-TREATMENT	WÄRMEBEHANDLUNG
	MARTENSITE	MARTENSIT
	PRECIPITATION-HARDENING	AUSSCHEIDUNGSH
	TENSILE-STRENGTH	ZUGFEST
	TOUGH	ZAH
	USE	VERWENDUNG

12 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2818 (14:56H)		
Field	Content	
Publication	EP481377 A	22.04.1992
Priority	JP275423	16.10.1990
Application	EP1110199191117408.4	
Applicant	NISSHIN STEEL CO., LTD.	
Inventor	IGAWA, TAKASHI / UEMATSU, YOSHIHIRO / TAKEMOTO, TOSHIHIKO	
Title	PROCESS FOR PRODUCING HIGH-STRENGTH STAINLESS STEEL STRIP	
Info		
IPC	C21D0802D	
Composition nr.	1	Composite component -
Composition	[weight-%], C : (0)-0,15 * SI : (0)-6 * MN : (0)-10 * NI : (0)-8 * CR : 10-17 * N : (0)-0,3 * MO : 0-4 * CO : 0-4 * CU : 0-4 * TI + AL + NB + V + ZR : 0-1 * FE : REST	
Keywords	(english)	(german)
	AUSTENITE	AUSTENIT
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	HEAT-RESISTANT	HITZEBEST
	MARTENSITE	MARTENSIT
	TENSILE-STRENGTH	ZUGFEST

USE	VERWENDUNG	
13 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2018 (13:34h)		
Field Content		
Publication	EP481378 A	
Priority	JP275422	
Application	EP1110199191117409_2	
Applicant	NISSHIN STEEL CO., LTD.	
Inventor	IGAWA, TADASHI/ UEMATSU, YOSHIHIRO/ TAKEMOTO, TOSHIHIKO	
Title	PROCESS FOR PRODUCING HIGH STRENGTH STEEL BELT	
Info		
IPC	B21B00500	
Composition nr.	1	Composite component -
Composition	[weight-%]: CR : 10-17 * C : (0)-0,15 * NI : (0)-8 * SI : (0)-6 * MN : (0)-10 * N : (0)-0,3 * FE : REST * MO : 0-4 * CU : 0-4 * CO : 0-4 * Ti + Al + Nb + V + Zr + B + Selterd : 0-1	
Keywords	(english)	(german)
	AUSTENITE	AUSTENIT
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	FINE-GRAINED	FEINKÖRNIG
	HEAT-TREATMENT	WÄRMEBEHANDLUNG
	MARTENSITE	MARTENSIT
	PRODUCTION	HERSTELLUNG
	TENSILE-STRENGTH	ZUGFEST
	USE	VERWENDUNG
	WELDABLE	SCHWEISSBAR
14 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2018 (14:34h)		
Field Content		
Publication	GB1192934 C	
Priority	US559185	
Application	GB0906196726776/67	
Applicant	INTERNATIONAL NICKEL LTD.	
Inventor	HAYDEN, HOWARD/ GIBSON, ROBERT/ BROPHY, JERE	
Title	STEEL	
Info	1,5 > Ti + V > 4(C-0,03); 1,17Ni+13,3<Cr+Mo<3,5Ni+11	
IPC	C22C03920	
Composition nr.	1	Composite component -
Composition	[weight-%]. C : 0-0,08 * SI : 0-1 * MN : 0-1 * P : 0-0,025 * S : 0-0,025 * N : 0-0,02 * H : 0-0,0005 * MG + ZR + CE + B + AL + HF : 0-0,1111 * CR : 18-35 * NI : 2-12 * Ti : 0-1,5 * MO : 0-3 * CO : 0-2 * CU : 0-2,5 * V : 0-1 * FE : REST	
Keywords	(english)	(german)
	AUSTENITE	AUSTENIT
	CORROSION-RESISTING	KORROSIONSBEST
	FERRITE	FERRIT
	FINE-GRAINED	FEINKÖRNIG
	HEAT-TREATMENT	WÄRMEBEHANDLUNG
	HIGH-TEMPER-STRENGTH	WARMFEST
	MARTENSITE	MARTENSIT
	PRODUCTION	HERSTELLUNG

	SUPERPLASTIC		SUPERPLASTISCH
	WIRE		DRAHT